

8. ELECTRIC CHARACTERISTICS

		Rated Value		Electric Characteristics									
		Power Supply		Full Load Characteristics			Wiring Specifications *1				Compressor	Outdoor Fan Motor	
HP	Model name	Hz	Voltage (V)	MCA (A)	TOCA (A)	MSC (A)	MFA (A)	Power Cable (mm ²)	Earth Cable (mm ²)	Limited Wiring Length (m)*2	RLA (A)	Output (kW)	FLA (A)
8HP	AJ*072LALBH	50	400	18.7	17.0	18.5	20	4	4	51	11.2	0.75	1.1
10HP	AJ*090LALBH	50	400	23.3	21.2	22.7	25	6	6	62	11.2	0.75	1.1
12HP	AJ*108LALBH	50	400	23.3	21.2	22.7	25	6	6	62	11.2	0.75	1.1
14HP	AJ*126LALBH	50	400	37.4	34.0	35.5	40	10	10	64	13.5	0.75	1.1
16HP	AJ*144LALBH	50	400	37.4	34.0	35.5	40	10	10	64	13.5	0.75	1.1
18HP	AJ*162LALBH	50	400	37.4	34.0	35.5	40	10	10	64	13.5	0.75	1.1

- Select the breaker based on MCA of the table above.
- Select the wire diameter based on the larger value of MCA or TOCA of the table above and select a wire diameter which withstands the breaker capacity.

*1 Wiring Spec : These values are recommended data. Please select the wiring spec in accordance with local rules.

*2 Limited Wiring Length : This wiring length is in case voltage drop less than 2%. When wiring length extend longer, select the wiring size of larger diameter.

RLA : Rated Load Amp of compressor under the standard condition.

MCA : Min Circuit Amp = Max Operating Current (Full Load)

MSC : Max Starting Current

TOCA : Total Value of Each Over Current Set

MFA : Main Fuse (Circuit Breaker) Current